

FY 2013-14 TAEP Cattle Genetics Program - Beef EPD Requirements by Breed - 3 Options

To Qualify: A bull must meet or exceed EPD requirements in **EACH** EPD category for **1 of the following 3** bull types .

The 3 bull types are: **Balanced, Terminal or Calving Ease** bulls.

Each bull type (Balanced, Terminal or Calving Ease) has different EPD requirements.

The 3 EPD categories are: **Calving Ease, Growth and Maternal**.

Balanced and Heifer bulls must meet 3 of 3 EPD categories .

Terminal bulls must meet 2 of 2 EPD categories (Terminal bulls do not have a maternal requirement).

EPD's must be current as of June 1, 2013 to qualify for reimbursement.

BALANCED Bulls		Must meet or exceed EPD requirements for: Calving ease and Growth and Maternal						
(1st bull type option)		1.) CALVING EASE +		2.) GROWTH +			3.) MATERNAL	
Breed		Minimum	Maximum	Minimum	Minimum		Minimum	Maximum
		CE	or	BW	WW	or	YW	MILK
Angus		3	or	2.9	43	or	75	16 to 35
Beefmaster				0.2	4	or	7	-1 to 9
Brahman				1.2	11	or	18	4 to 11
Brangus & Ultrablack		4.7	or	1.2	19	or	34	5 to 22
Charolais		4.1	or	0.2	19	or	31	3 to 20
Chiangus & Chianina				2.8	33.3	or	61.3	8.7 to 22.7
Gelbvieh		7	or	2.3	60	or	82	20 to 38
Gelbvieh Balancer		9	or	1.2	58	or	87	18 to 36
Hereford		0.1	or	3.9	43	or	68	15 to 32
Limousin		8	or	1.9	43	or	77	20 to 34
Lim-Flex		8	or	0.7	46	or	87	23 to 38
Maine Anjou		8.0	or	1.6	35.3	or	71.3	16.3 to 30.7
MaineTainer		7.4	or	1.5	33.1	or	69.6	16.6 to 29.0
Red Angus		1	or	0.4	50	or	71	16 to 30
Salers		0.1	or	2.1	37	or	70	13 to 31
Santa Gertrudis				0.4	1	or	2	-3 to 8
Shorthorn/ShorthornPlus		-0.9	or	2.0	12	or	19	1 to 8
Simmental		8.6	or	2.5	57.8	or	80.9	16.5 to 34.8
SimGenetics		8.9	or	1.6	52.9	or	76.7	16.0 to 32.7

TERMINAL Bulls		Must meet or exceed EPD requirements for: Calving ease and Growth						
(2nd bull type option)		1.) CALVING EASE +		2.) GROWTH			3.) MATERNAL	
Breed		Minimum	Maximum	Minimum	Minimum		Not Required	
		CE	or	BW	WW	or	YW	
Angus		0	or	4.7	50	or	90	N/A
Beefmaster				1.6	12	or	18	N/A
Brahman				2.7	18	or	29	N/A
Brangus & Ultrablack		1.5	or	2.8	27	or	49	N/A
Charolais		-1.7	or	2.9	27	or	47	N/A
Chiangus & Chianina				4.9	42.2	or	77.4	N/A

Gelbvieh	4	or	4.1	68	or	97	N/A
Gelbvieh Balancer	6	or	3.0	66	or	102	N/A
Hereford	-2.4	or	5.7	49	or	80	N/A
Limousin	4	or	3.7	50	or	89	N/A
Lim-Flex	5	or	2.3	53	or	99	N/A
Maine Anjou	4.1	or	4.3	42.8	or	84.0	N/A
MaineTainer	3.4	or	4.1	40.0	or	81.9	N/A
Red Angus	-2	or	2.5	60	or	90	N/A
Salers	-0.9	or	3.7	45	or	85	N/A
Santa Gertrudis			1.5	7	or	10	N/A
Shorthorn/ShorthornPlus	-5.8	or	4.6	17	or	28	N/A
Simmental	4.8	or	4.7	66.0	or	97.0	N/A
SimGenetics	5.0	or	3.7	62.1	or	95.9	N/A

CALVING EASE Bulls <small>(3rd bull type option)</small>		<i>Must meet or exceed EPD requirements for: Calving ease and Growth and Maternal</i>							
		1.) CALVING EASE +			2.) GROWTH +			3.) MATERNAL	
		Minimum	Maximum		Minimum	Minimum		Minimum	Maximum
Breed		<u>CE</u>	or	<u>BW</u>	<u>WW</u>	or	<u>YW</u>	<u>MILK</u>	<u>MILK</u>
Angus		7	or	1.2	39	or	72	16	to 35
Beefmaster				-1.9	3	or	6	-1	to 9
Brahman				-0.5	10	or	16	4	to 11
Brangus & Ultrablack		7.7	or	-0.8	17	or	31	7	to 22
Charolais		9.9	or	-2.9	17	or	28	3	to 20
Chiangus & Chianina				0.4	32.1	or	59.3	8.7	to 22.7
Gelbvieh		10	or	0.3	57	or	80	20	to 38
Gelbvieh Balancer		12	or	-0.7	55	or	85	18	to 36
Hereford		3.1	or	1.6	39	or	64	15	to 32
Limousin		14	or	-0.5	40	or	73	20	to 34
Lim-Flex		11	or	-1.1	42	or	82	23	to 38
Maine Anjou		11.7	or	-0.7	32.5	or	67.0	16.3	to 30.7
MaineTainer		10.8	or	-0.1	30.2	or	65.6	16.6	to 29.0
Red Angus		6	or	-1.8	47	or	68	16	to 30
Salers		0.9	or	0.6	34	or	68	13	to 31
Santa Gertrudis				-0.6	-2	or	-2	-3	to 8
Shorthorn/ShorthornPlus		3.0	or	-0.4	10	or	17	1	to 8
Simmental		13.2	or	-0.2	54.9	or	78.3	16.5	to 34.8
SimGenetics		13.1	or	-0.7	49.7	or	73.6	16.0	to 32.7

Example:

Does this Angus bull qualify? CE = 8 / BW = 3.1 / WW = 42 / YW = 71 / Milk = 35
As which bull type?

BALANCED Bull

Must meet or exceed EPD requirements for: Calving ease **and** Growth **and** Maternal

Calving Ease (CE) acceptable greater than 3
Birth Weight (BW) unacceptable greater than 2.9

Calving ease category: **acceptable** meets CE requirement

Weaning Weight (WW)	unacceptable	lower than 43
Yearling Weight (YW)	unacceptable	lower than 75
Growth category:	unacceptable	meets <i>neither</i> WW or YW requirements
Milk	acceptable	falls between 16-35
Maternal category:	acceptable	meets Milk requirement (35 is maximum)

This bull does not qualify as a "Balanced" bull: Growth category is unacceptable

TERMINAL Bull

Must meet or exceed EPD requirements for: Calving ease **and** Growth only

Calving Ease (CE)	acceptable	greater than 0
Birth Weight (BW)	acceptable	lower than 4.7
Calving ease category:	acceptable	meets <i>both</i> CE and BW requirements
Weaning Weight (WW)	unacceptable	lower than 50
Yearling Weight (YW)	unacceptable	lower than 90
Growth category:	unacceptable	meets <i>neither</i> WW or YW requirements
Milk	<i>not required for Terminal bulls</i>	
Maternal category:	<i>not a required category for Terminal bulls</i>	

This bull does not qualify as a "Terminal" bull: Growth category is unacceptable

CALVING EASE Bull

Must meet or exceed EPD requirements for: Calving ease **and** Growth **and** Maternal

Calving Ease (CE)	acceptable	greater than 7
Birth Weight (BW)	unacceptable	greater than 1.2
Calving ease category:	acceptable	meets CE requirement
Weaning Weight (WW)	acceptable	greater than 39
Yearling Weight (YW)	unacceptable	lower than 72
Growth category:	acceptable	meets YW requirement
Milk	acceptable	falls between 16-35
Maternal category:	acceptable	meets Milk requirement (35 is maximum)

This bull does qualify as a "Calving Ease" bull: All 3 categories are acceptable

All bulls must have individual EPD's assigned by their breed association at time of sale catalog printing.

Contact TAEP about other breeds:

1-800-342-8206 - Phone

livestock.genetics@tn.gov

Black Hereford, Blonde d'Aquitaine, Braunvieh, Murray Grey,
Pinzgauer, Senepol, South Devon and Tarentaise.

FY 2013/2014 TAEP Cattle Genetics Program - Minimum Dairy LNM or Index Requirements by Breed

To Qualify: A bull must meet or exceed the requirements in **1 of the 2** categories.

<u>BREED</u>	<u>LNM</u>	<u>or</u>	<u>Index</u>	<u>Value</u>
HOLSTEIN	308	or	TPI	1719
Red & White	308	or	TPI	1719
AYRSHIRE	223	or	PTI	83
BROWN SWISS	174	or	PPR	80
GUERNSEY	102	or	PTI	78
JERSEY	217	or	JPI	82
MILKING SHORTHORN	50			